



## Remediation Weekly Activity Summary Report Ameren LaSalle Former MGP - Soil Removal Action

Period: May 5 - May 11, 2014 (Week 34)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

### General Remediation Activities Completed:

*PSC continued active onsite remediation including breaking concrete and removing demolition debris from the Phase 6 area. The sketch on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 1,911.25 tons of Construction Debris (465.0 tons this week) and 19,438.86 tons of Non-Source Material (0 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 290 tons of clay (0 tons this week) and 22,465.37 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 0 tons this week) have been hauled onsite to use as backfill material. In addition, 427.98 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 51,000 gallons of water (0 gallons this week) have been removed from the excavation and containerized.*

### Monday - May 5th:

Excavators continue working in Phase 6 area uncovering concrete slabs and breaking them with a hydraulic hammer/breaker. Tom Williams of IEPA on Site for visit and SWPPP plan review. Jeff Bumgarner and six sewer department representatives on Site to document the location and depth of the identified force main for future reference. Laborers prepare water treatment trailer for demobilization.

### Tuesday - May 6th:

Excavators continue working in Phase 6 area uncovering concrete slabs and breaking them with a hydraulic hammer/breaker.

### Wednesday - May 7th:

Excavators continue working in Phase 6 area uncovering concrete slabs and breaking them with a hydraulic hammer/breaker. Approximately 154 tons of impacted demolition debris were removed and transported to Republic's LandComp Landfill. Work shut down for approximately one hour due to lightning.

### Thursday - May 8th:

Excavators continue working in Phase 6 area uncovering concrete slabs and breaking them with a hydraulic hammer/breaker. Approximately 147 tons of impacted demolition debris were removed and transported to Republic's LandComp Landfill. Ed B. and Matt T. visit LandComp landfill to take measurements of potential soil backfill stockpile. Steven Phalen from Phalen Steel on Site for pre-bid walk on the construction of a new permanent end wall on the Spiller Building.

### Friday - May 9th:

Excavators continue working in Phase 6 area uncovering concrete slabs and breaking them with a hydraulic hammer/breaker. Approximately 165 tons of impacted demolition debris were removed and transported to Republic's LandComp Landfill. Kaskaskia Engineering to evaluate prudence of using lime screenings as backfill near and under the canal berm. Samples of suspect asbestos-containing material (ACM) collected from pipe insulation, rope gaskets and mastic are submitted for laboratory analysis.

### Saturday - May 10th:

No site work performed.

### Health & Safety Activities:

Weather Conditions: Mostly sunny with some clouds and rain and high temperatures from the 60s to the 80s

H&S Issues/Other: Cuts & burns, emergency preparedness, and good safety habits. No recordable accidents or incidents occurred.

### Out of Scope Items:

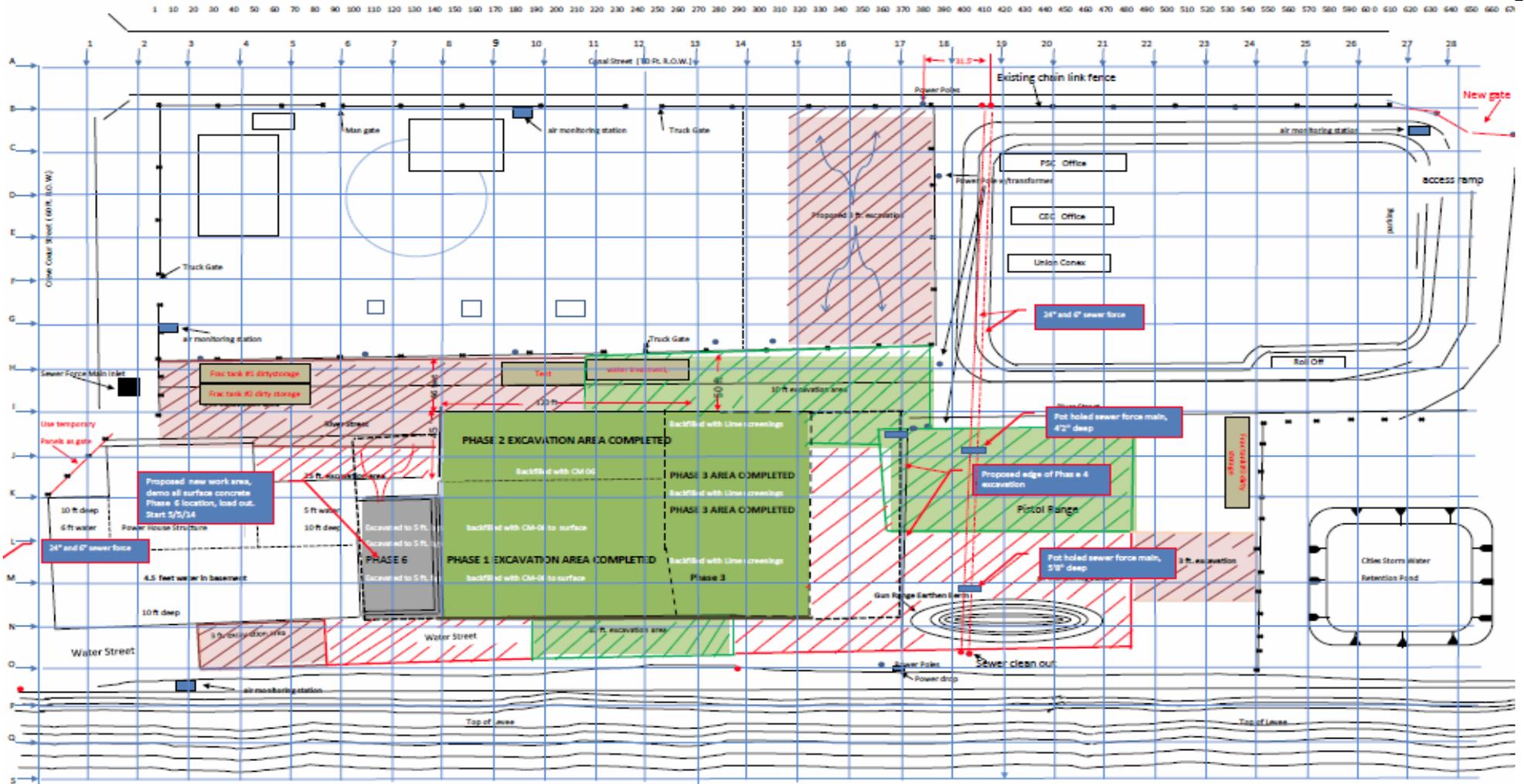
None



### Remediation Footprint and Excavation Progress Map Ameren LaSalle Former MGP - Soil Removal Action

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**Air Monitoring Activity Summary Report  
Ameren LaSalle Former MGP - Soil Removal Action**

Period: May 5 - May 11, 2014 (Week 34)  
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

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### **Developments During Reporting Period**

#### *Activities Performed*

- Time-integrated sampling was re-started on Monday, May 5<sup>th</sup>. Time-integrated sampling had been discontinued due to PSC only performing backfilling activities. Sampling was conducted from May 5<sup>th</sup> through May 8<sup>th</sup> and May 8<sup>th</sup> thru May 11<sup>th</sup>.
- The samples collected on May 8<sup>th</sup> were picked up by STAT on May 9<sup>th</sup>. Samples collected on May 11<sup>th</sup> are expected to be picked up on May 13<sup>th</sup>.
- CEC performed hourly real-time air monitoring during work hour at the five time-integrated air monitoring station locations for particulate matter less than 10 micron in aerodynamic size (PM<sub>10</sub>) and volatile organic compounds (VOC).

#### *Sampling Problems Encountered*

- None

#### *Real-time Air Quality Exceedances Detected*

- None

#### *Time-integrated Analytical Data Received*

- All time-integrated sampling results that have been collected have been received and were included in the last update. Analytical results to date for benzene, PM<sub>10</sub> and PAHs indicate that the running average air concentration at each air monitoring station is less than the risk-based standards calculated for the project. CEC will continue to update results as analytical data becomes available.

### **Developments Anticipated During Next Reporting Period**

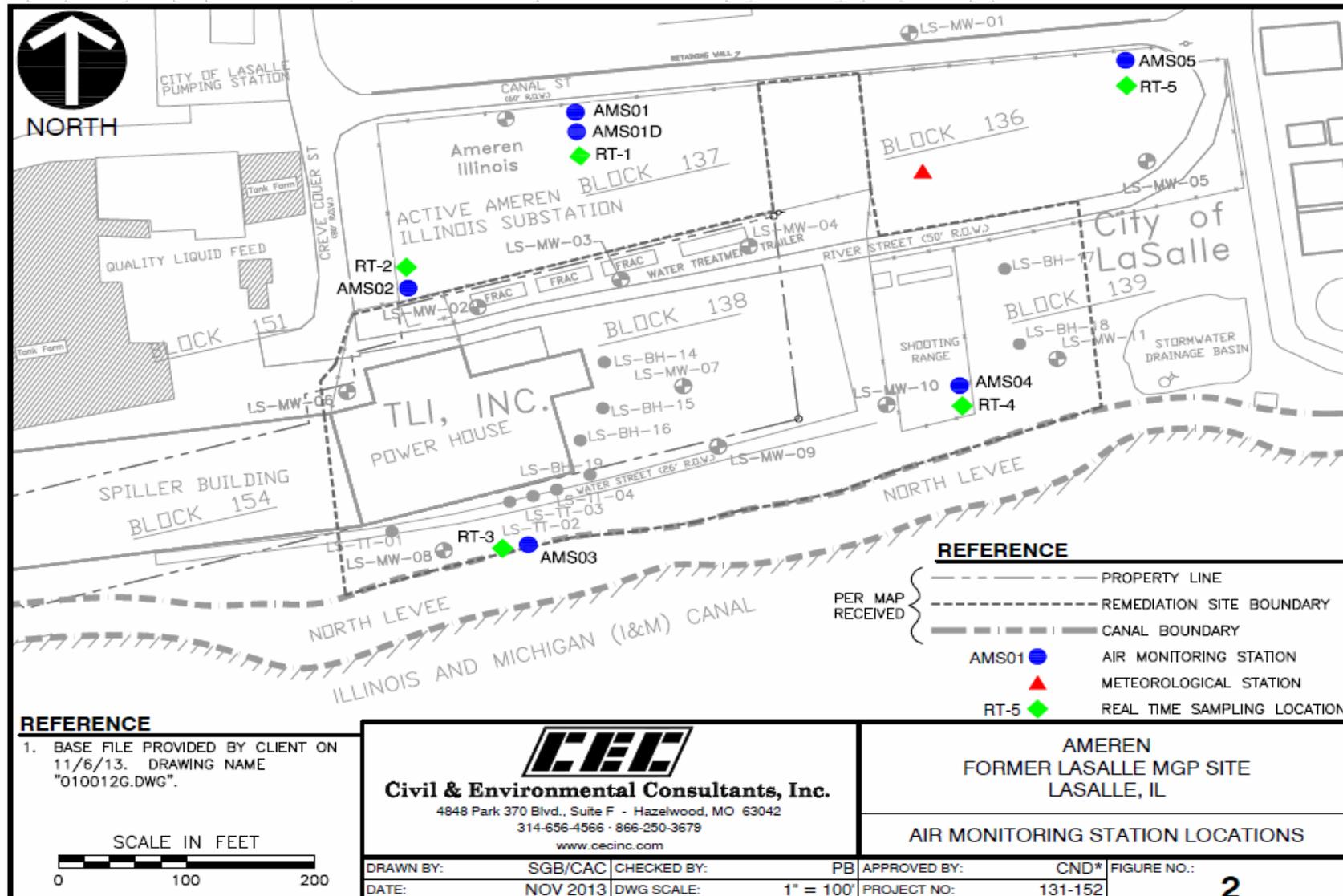
#### *Activities to be Performed*

- Continue to perform time-integrated sampling at the site once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities as data becomes available from STAT.

### Air Monitoring Station Locations Ameren LaSalle Former MGP - Soil Removal Action

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## Project Milestones Summary Report Ameren LaSalle Former MGP - Soil Removal Action

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### Project Milestones

#### Actual Quantities

Weather:

Rainfall (inches)  
Snowfall (inches)

Prior Total:      This Period:      Total To Date:

|       |      |       |
|-------|------|-------|
| 14.17 | 0.55 | 14.72 |
| 60.15 | 0.00 | 60.15 |

### Material Type:

#### Project Estimates

Original:      Revised:

Solid Waste Material:

Construction & Demolition Debris-Republic (tons)  
MGP Impacted Soil (Non Source)-Republic (tons)  
MGP Impacted Soil (Source)-PDC (tons)  
TOTAL

|           |        |           |         |   |
|-----------|--------|-----------|---------|---|
| 1,446.25  | 465.00 | 1,911.25  | 0       | 0 |
| 19,438.86 | 0.00   | 19,438.86 | 120,000 | 0 |
| 0.00      | 0.00   | 0.00      | 0       | 0 |
| 20,885.11 | 465.00 | 21,350.11 | 0       | 0 |

Add. Solid Waste Material:

Clean Brick-Canon Pit (loads)  
Asbestos Containing Material (ACM)-Republic (tons)  
Scrap Material (loads)

|          |      |          |   |   |
|----------|------|----------|---|---|
| 111.00   | 0.00 | 111.00   | 0 | 0 |
| 1,240.00 | 0.00 | 1,240.00 | 0 | 0 |
| 8.00     | 0.00 | 8.00     | 0 | 0 |

Clean Material:

CM-06, 1-Inch Minus (tons)  
Lime Screenings (tons)  
CS-02, 2 to 3-Inch Clean Stone (tons)  
2-Inch Clean Stone (tons)  
1 1/2-Inch Rock (tons)

|           |      |           |   |   |
|-----------|------|-----------|---|---|
| 15,056.95 | 0.00 | 15,056.95 | 0 | 0 |
| 6,284.06  | 0.00 | 6,284.06  |   |   |
| 1,124.36  | 0.00 | 1,124.36  | 0 | 0 |
| 0.00      | 0.00 | 0.00      | 0 | 0 |
| 0.00      | 0.00 | 0.00      | 0 | 0 |

Stone Backfill Subtotal

CA-7, 1-Inch Clean Stone (tons)  
Clean soil backfill (tons)  
Top Soil (cubic yard)  
TOTAL

|           |      |           |   |   |
|-----------|------|-----------|---|---|
| 22,465.37 | 0.00 | 22,465.37 | 0 | 0 |
| 427.98    | 0.00 | 427.98    | 0 | 0 |
| 290.00    | 0.00 | 290.00    | 0 | 0 |
| 0.00      | 0.00 | 0.00      | 0 | 0 |
| 23,183.35 | 0.00 | 23,183.35 | 0 | 0 |

Treated Wastewater:

Discharged to PDC (gallons)

|   |   |   |   |   |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|

\* MGP Impacted Soil volume is data presented in the site investigation report.

Trucks Transporting:

Monday      Tuesday      Wednesday      Thursday      Friday      Issues

Actually Received  
Requested

|   |   |   |   |   |  |
|---|---|---|---|---|--|
| 0 | 0 | 1 | 1 | 1 |  |
| 0 | 0 | 2 | 1 | 1 |  |



Excavating scrap metal buried under the floor of the former boiler room in Phase 6; facing northwest.



Breaking concrete into pieces less than two feet in diameter and creating a segregated pile of scrap metal; facing east.



Loading concrete and demolition debris from Phase 6 into a truck for disposal; facing west.



View of pipe insulation suspect ACM.

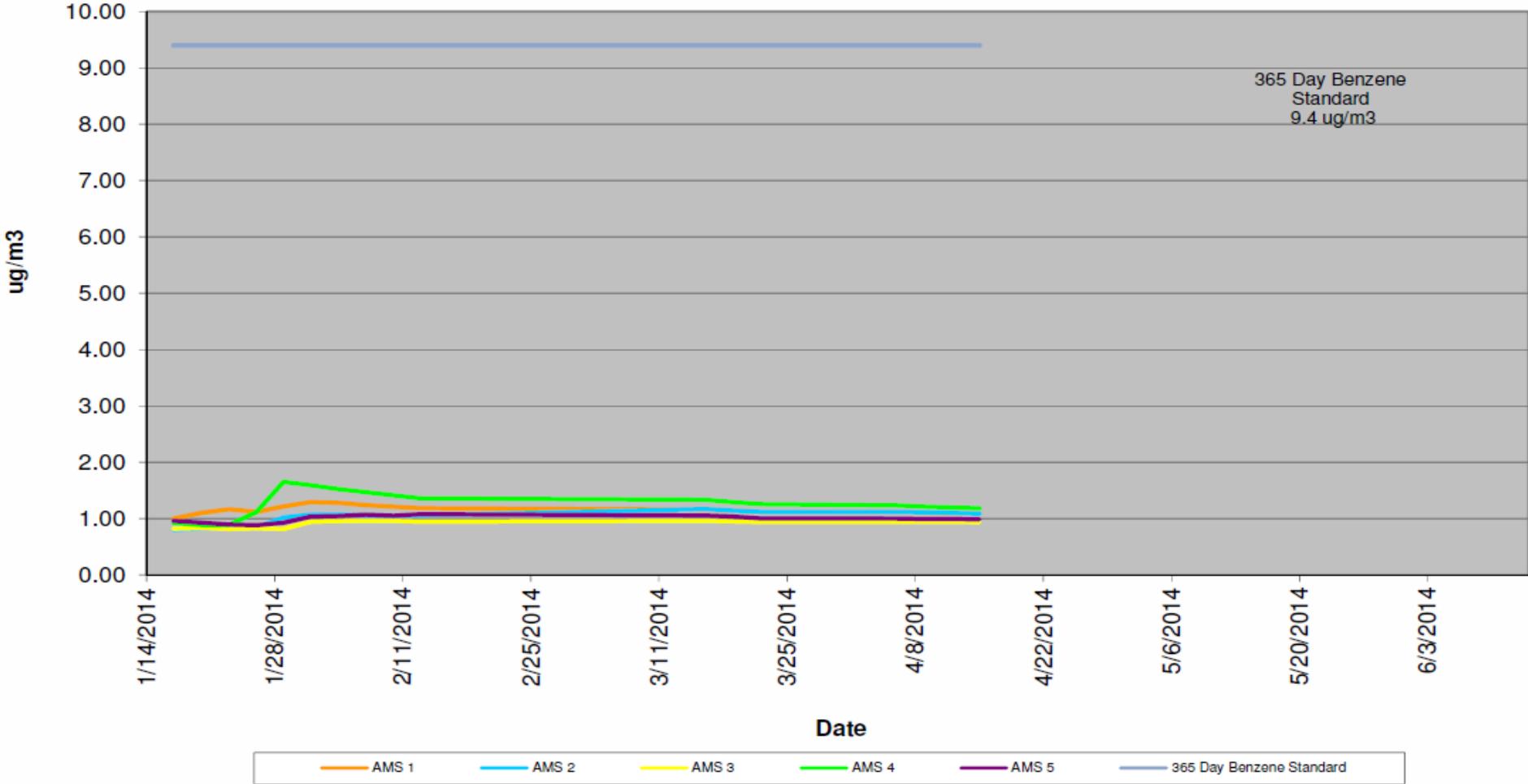


Collecting samples of suspect ACM.

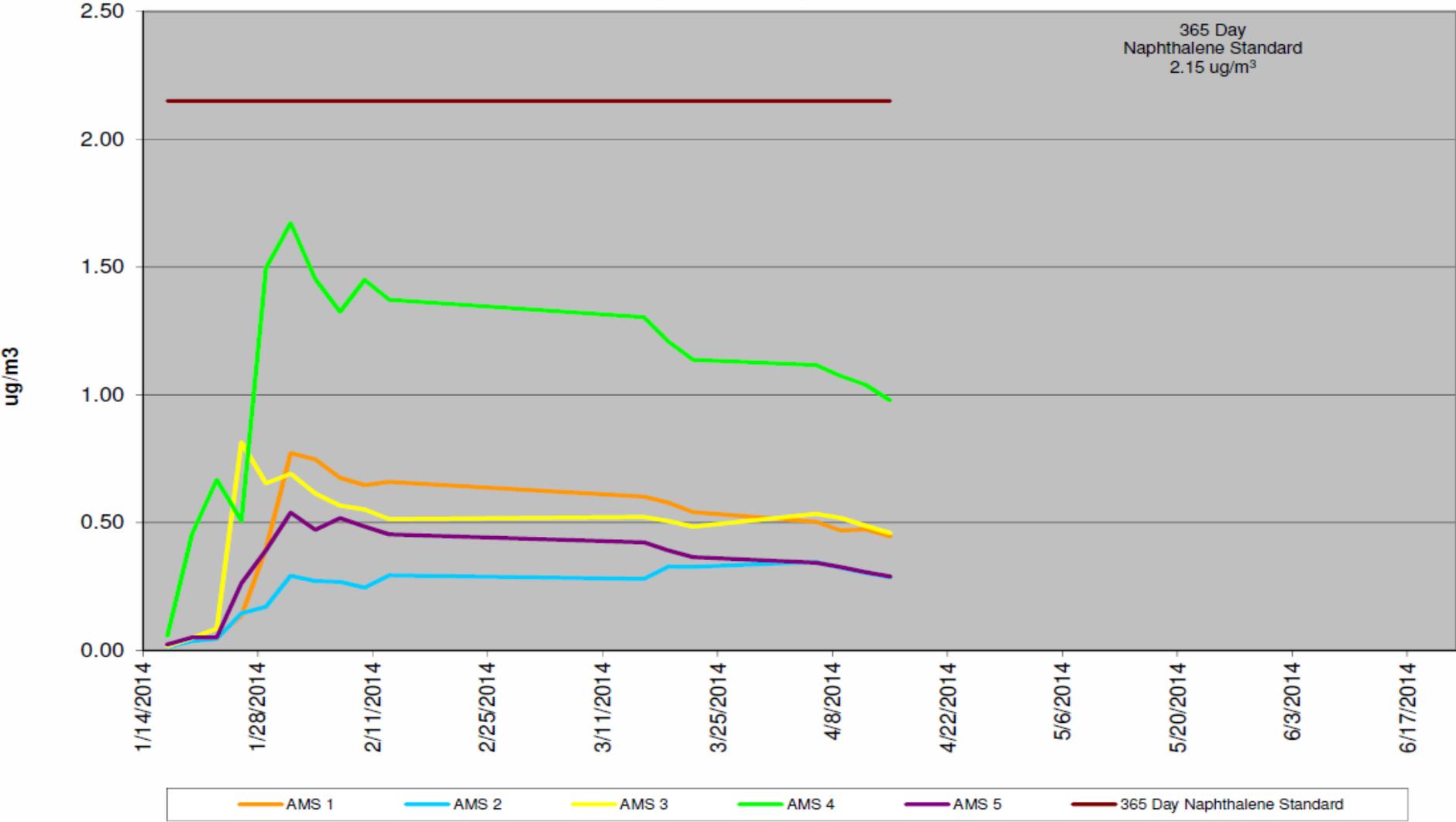


View of southeast corner of Phase 6 excavation; facing north.

**Preliminary Benzene Running Averages  
LaSalle MGP Site  
1/14/2014 - 4/15/2014**



### Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 4/15/2014



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 4/15/2014

